

# MINIFIBERS, INC.

## SUGGESTED STARTING FORMULATION FOR "ASBESTOS FREE" POLYVINYL CHLORIDE ROOFCOATING CONTAINING SHORT STUFF® POLYETHYLENE E380F

### MATERIALS:

	<u>% by weight</u>
Water.....	11.0
Daxad® 30.....	1.0
Tergitol® NP-10.....	1.0
Chemacoil® TA-100.....	7.0
Basic Silicate White Lead – 202.....	8.0
Ti-Pure® R-900-01.....	10.0
Duramite®.....	9.0
Mica, 325 Mesh Waterground.....	2.0
Ethylene Glycol.....	2.0
PMA® -30.....	0.3
Colloid® 581-B.....	0.3
Cellosize® QP-15000 (2%).....	4.0
Everflex® BG (52%).....	31.0
Intercar® Cobalt (6%).....	0.4
MiniFIBERS' SHORT STUFF® Polyethylene E380F.....	2.0
Water.....	<u>11.0</u>
	100.0

### MIXING PROCEDURE:

1. Premix water, Daxad®30, and Tergitol® NP-10.
2. Increase speed of mixer, add Chemacoil® TA-100, and mix for five minutes.
3. Increase speed of mixer to disperse pigments.
4. Add Basic Silicate White Lead, Ti-Pure® R-900-01, Duramite®, Mica, Ethylene Glycol, PMA® 30, and Colloid® 581-B; mix for ten minutes.
5. Decrease speed of mixer; add Cellosize® QP-15000 (2%), Everflex® BG (52%), Intercar® Cobalt (6%), and half of the SHORT STUFF® Polyethylene E380F; mix for five minutes.
6. Add remainder of SHORT STUFF® Polyethylene E380F and water; mix for ten minutes.

### PHYSICAL PROPERTIES:

Viscosity, Brookfield Viscometer, HBT and Spindle No. 5, 20 rpm, 23°C.....	32,000 cps
PVC.....	44.4%
Weight per Gallon.....	11.32 lbs.

### PERFORMANCE:

Application.....	Brush or roller
Substrate.....	Asphalt and metal
Appearance.....	White, smooth, and pasty

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